CLAIM SET AS AMENDED:

1. (Canceled)

2. (Currently Amended) ~~The~~ A motor-assisted drive unit ~~of claim 1,~~ for a vehicle, comprising:

a motor disposed in a casing having a shaft for providing power to a drive wheel of the vehicle; and

a first control board on which control devices of said motor are mounted, the first control board being arranged substantially perpendicularly to the shaft of said motor, the first control board having a substantially flat surface facing away from said motor,

the flat surface being directly attached to an inner wall of the casing, at least part of the first control board extending to a position overlapped with said motor, said first control board having a first region overlapped with said motor, and a second region not overlapped with said motor~~, further comprising~~; and

a second control board having a first region overlapped with said motor, a second region not overlapped ~~not overlapped~~ with said motor, and a processing unit mounted on a first region of the second control board, said processing unit being one of the control devices.

3. (Previously Presented) ~~The~~ A motor-assisted drive unit ~~of claim 1,~~ for a vehicle, comprising:

a motor disposed in a casing having a shaft for providing power to a drive wheel of the vehicle; and

a first control board on which control devices of said motor are mounted, the first control board being arranged substantially perpendicularly to the shaft of said motor, the first control board having a substantially flat surface facing away from said motor,

the flat surface being directly attached to an inner wall of the casing, at least part of the first control board extending to a position overlapped with said motor, said first control board having a first region overlapped with said motor, and a second region not overlapped with said motor; and

a second control board having a first region overlapped with said motor, a second region not overlapped with said motor, and a processing unit mounted on a first region of the second control board, said processing unit being one of the control devices,

wherein an area of the first region of the first control board overlapped with said motor is smaller than an area of the second region not overlapped with said motor.

4. (Currently Amended) The motor-assisted drive unit of claim **3**, wherein ~~the~~ a second control board is elastically supported in the casing.

5. (Previously Presented) The motor-assisted drive unit of claim **3**, further comprising:

a thermally conductive board provided on a casing side of the first control board; and

a semiconductor device mounted on said thermally conductive board,

wherein the control devices of said motor are mounted on two surfaces of the control board.

6. (Previously Presented) The motor-assisted drive unit of claim **5**, wherein at least part of the thermally conductive board abuts the semiconductor device.

7. (Original) The motor-assisted drive unit of claim **6**, wherein at least a part of the thermally conductive board is in contact with the casing.

8. (Previously Presented) A motor-assisted drive unit for a motor-assisted vehicle, comprising:

a motor for providing power to a drive wheel of the vehicle;

a first control board having at least one control device mounted thereon; and

a second control board having at least one control device mounted thereon, wherein the first and second control boards extend in a direction substantially perpendicular to a motor shaft of the motor, said second control board having a surface larger than a surface of the first control board and entirely overlapping the first control board, said first control board having a first region overlapped with said motor, and a second region not overlapped with said motor.

9. (Previously Presented) The motor-assisted drive unit of claim **8**, the motor and the first and the second control boards being disposed in a casing.

10. (Previously Presented) The motor-assisted drive unit of claim **8**, wherein the at least one control device mounted on the second control board includes at least one of a control processor, a capacitor, and a relay.

11. (Previously Presented) The motor-assisted drive unit of claim **10**, wherein the at least one control device mounted on the first control board includes transistor.

12. (Previously Presented) The motor-assisted drive unit of claim **10**, wherein the second control board is a printed wiring board, and the first control board is a metal board.

13. (Previously Presented) The motor-assisted drive unit of claim **12**, wherein the first control board includes aluminum.

14. (Previously Presented) The motor-assisted drive unit of claim **8**, the motor and the first and the second control boards being disposed in the casing, the first control board having a substantially flat surface facing away from the motor, the flat surface being directly attached to an inner wall surface of the casing, and the second control board being disposed over the first control board, with a gap disposed between the first control board and the second control board.

15. (Previously Presented) The motor-assisted drive unit of claim **4**, wherein the second control board is elastically supported by an annular rubber member disposed around a casing boss portion of the motor shaft.

16. (Previously Presented) The motor-assisted drive unit of claim **15**, wherein the rubber member is compressed between the second control board and a motor supporting portion of the casing.

17. (Canceled)

18. (Currently Amended) ~~The~~ A motor-assisted drive unit ~~of claim 1,~~ for a vehicle, comprising:

a motor disposed in a casing having a shaft for providing power to a drive wheel of the vehicle; and

a first control board on which control devices of said motor are mounted, the first control board being arranged substantially perpendicularly to the shaft of said motor, the first control board having a substantially flat surface facing away from said motor,

the flat surface being directly attached to an inner wall of the casing, at least part of the first control board extending to a position overlapped with said motor, said first control board having a first region overlapped with said motor, and a second region not overlapped with said motor,

wherein ~~the~~ a second control board is elastically supported in a casing of the motor by a circular rubber ring fitted into a circular hole of the control board.

19. (Previously Presented) The motor-assisted drive unit of claim 8, wherein the second control board is elastically supported in a casing of the motor by a circular rubber ring fitted into a circular hole of the control board.

20. (Previously Presented) A motor-assisted drive unit for a motor-assisted vehicle, comprising:

a motor for providing power to a drive wheel of the vehicle;

a first control board having at least one control device mounted thereon; and

a second control board having at least one control device mounted thereon,

wherein the first and second control boards extend in a direction substantially perpendicular to a motor shaft of the motor, said second control board overlapping with at least a part of the first control board, said first control board having a first region overlapped with said motor, and a second region not overlapped with said motor,

wherein one of the at least one control device on each of the control boards is mounted so as not to overlap with the motor.